

# BMX Racing Übersetzungs- und Größen-Tabelle

| 20" X 1.125"(1 1/8) GEAR CHART (20" tire diameter) = riders under 80lbs |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS  | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 14  | 48.6 | 50.0 | 51.4 | 52.8 | 54.3 | 55.7 | 57.1 | 58.6 | 60.0 | 61.4 | 62.8 | 64.3 | 65.7 |
| Freewheel 15  | 45.3 | 46.7 | 48.0 | 49.3 | 50.7 | 52.0 | 53.3 | 54.7 | 56.0 | 57.3 | 58.7 | 60.0 | 61.3 |
| Freewheel 16  | 42.5 | 43.8 | 45.0 | 46.2 | 47.5 | 48.7 | 50.0 | 51.2 | 52.5 | 53.7 | 55.0 | 56.2 | 57.5 |

| 20" X 1.375"(1 3/8) GEAR CHART (21" tire diameter) = riders under 120lbs |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 14   | 51.0 | 52.5 | 54.0 | 55.5 | 57.0 | 58.5 | 60.0 | 61.5 | 63.0 | 64.5 | 66.0 | 67.5 | 69.0 |
| Freewheel 15   | 47.6 | 49.0 | 50.4 | 51.6 | 53.2 | 54.6 | 56.0 | 57.4 | 58.8 | 60.2 | 61.6 | 63.0 | 64.4 |
| Freewheel 16   | 44.6 | 45.9 | 47.3 | 48.6 | 49.9 | 51.2 | 52.5 | 53.9 | 55.2 | 56.5 | 57.8 | 59.1 | 60.4 |

| 20" X 1.50" GEAR CHART (19" tire diameter) = riders under 150lbs |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 14   | 46.8 | 48.1 | 49.5 | 50.9 | 52.3 | 53.6 | 55.0 | 56.4 | 57.5 | 59.1 | 60.5 | 61.8 | 63.2 |
| Freewheel 15   | 43.6 | 44.9 | 46.2 | 47.4 | 48.8 | 50.1 | 51.3 | 52.8 | 53.9 | 55.2 | 56.5 | 57.7 | 59.1 |
| Freewheel 16   | 40.9 | 42.1 | 43.3 | 44.5 | 45.7 | 46.9 | 48.1 | 49.3 | 50.5 | 51.7 | 52.9 | 54.1 | 55.3 |

| 20" X 1.75" GEAR CHART (19.5" tire diameter) = any size rider |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS  | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 14  | 47.4 | 48.7 | 50.2 | 51.6 | 53.0 | 54.4 | 55.7 | 57.1 | 58.5 | 59.9 | 61.9 | 62.7 | 64.1 |
| Freewheel 15  | 44.2 | 45.5 | 46.8 | 48.1 | 49.4 | 50.7 | 52.0 | 53.3 | 54.6 | 55.9 | 57.2 | 58.5 | 59.8 |
| Freewheel 16  | 41.4 | 42.7 | 43.9 | 45.1 | 46.3 | 47.5 | 48.8 | 50.0 | 51.2 | 52.4 | 53.6 | 54.9 | 56.1 |

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| 24" X 1.125" (1 1/8") GEAR CHART (22.6" tire diameter) = riders under 80lbs |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS  | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 15  | 51.3 | 52.8 | 54.3 | 55.8 | 57.3 | 58.8 | 60.3 | 61.8 | 63.3 | 64.9 | 66.3 | 67.9 | 69.4 |
| Freewheel 16  | 48.1 | 49.5 | 50.9 | 52.3 | 53.7 | 55.1 | 56.6 | 57.9 | 59.5 | 60.8 | 62.2 | 63.9 | 65.1 |
| Freewheel 17  | 45.2 | 46.6 | 47.9 | 49.3 | 50.6 | 51.9 | 53.2 | 54.6 | 55.9 | 57.2 | 58.6 | 59.9 | 61.3 |
| Freewheel 18  | 42.7 | 43.9 | 45.2 | 46.6 | 47.7 | 49.1 | 50.3 | 51.5 | 52.8 | 54.0 | 55.3 | 56.6 | 57.9 |

| 24" X 1.375" (1 3/8") GEAR CHART (24" tire diameter) = riders under 120lbs |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 15   | 54.4 | 56.0 | 57.6 | 59.3 | 60.7 | 62.4 | 64.1 | 65.5 | 67.2 | 68.9 | 71.3 | 72.0 | 73.7 |
| Freewheel 16   | 51.1 | 52.5 | 54.0 | 55.5 | 57.0 | 58.5 | 60.0 | 61.4 | 63.1 | 64.5 | 66.0 | 67.4 | 69.1 |
| Freewheel 17   | 48.0 | 49.4 | 50.8 | 52.2 | 53.6 | 55.1 | 56.5 | 57.9 | 59.3 | 60.7 | 62.1 | 63.3 | 65.0 |
| Freewheel 18   | 45.3 | 46.5 | 48.0 | 49.4 | 50.7 | 52.0 | 53.3 | 54.7 | 56.0 | 57.3 | 58.5 | 60.0 | 61.4 |

| 24" X 1.50" GEAR CHART (23" tire diameter) = riders under 150lbs |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 15   | 52.1 | 53.7 | 55.2 | 56.7 | 58.2 | 59.8 | 61.3 | 62.8 | 64.4 | 65.9 | 67.4 | 69.0 | 70.6 |
| Freewheel 16   | 48.4 | 50.3 | 51.8 | 53.2 | 54.6 | 56.0 | 57.5 | 58.9 | 60.3 | 61.8 | 63.2 | 64.6 | 66.2 |
| Freewheel 17   | 46.0 | 47.3 | 48.7 | 50.0 | 51.4 | 52.8 | 54.1 | 55.5 | 56.8 | 58.8 | 59.5 | 60.8 | 62.3 |
| Freewheel 18   | 43.4 | 44.7 | 46.0 | 47.2 | 48.5 | 49.8 | 51.1 | 52.4 | 53.7 | 54.9 | 56.2 | 57.5 | 58.9 |

| 24" X 1.75" GEAR CHART (23.5" tire diameter) = any size rider |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CHAIN WHEELS  | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   |
| Freewheel 15  | 53.2 | 54.8 | 56.4 | 58.0 | 59.5 | 61.1 | 62.6 |      |      |      |      |      |      |
| Freewheel 16  | 49.9 | 51.4 | 52.8 | 54.3 | 55.8 | 57.3 | 58.5 | 60.2 | 61.6 | 63.1 |      |      |      |
| Freewheel 17  | 47.0 | 48.4 | 49.7 | 51.1 | 52.5 | 54.0 | 55.3 | 56.6 | 58.2 | 59.4 | 60.8 | 62.2 |      |
| Freewheel 18  |      |      |      | 48.3 | 49.6 | 50.9 | 52.2 | 53.5 | 54.8 | 56.1 | 57.4 | 58.7 | 60.0 |

## BMX Racing Übersetzungs- und Größen-Tabelle

| BMX RIDER BIKE SIZING CHART |                   |                 |             |             |              |
|-----------------------------|-------------------|-----------------|-------------|-------------|--------------|
| RIDER HEIGHT                | FRAME SIZE        | TOP TUBE LENGTH | STEM LENGTH | BAR RISE    | CRANK LENGTH |
| 105-125cm                   | Micro             | 15"-16"         | 35-40mm     | 2" - 2.5"   | 135-140mm    |
| 125-137cm                   | Mini              | 16"-17"         | 35-40mm     | 2" - 3.5"   | 140-155mm    |
| 137-145cm                   | Junior            | 17"-18.5"       | 40-45mm     | 3" - 5"     | 155-170mm    |
| 145-155cm                   | Expert            | 18.5"-19.5"     | 40-45mm     | 5,5" - 7"   | 165-175mm    |
| 155-164cm                   | Expert XL         | 19.5"-20.25"    | 45-50mm     | 6,5" – 7.5" | 165-175mm    |
| 160-167cm                   | Pro               | 20.5"-20.75"    | 50-55mm     | 7" - 8"     | 175-180mm    |
| 167-180cm                   | Pro XL            | 21"-21.75"      | 50-55mm     | 8" – 8.5"   | 180mm over   |
| 180cm over                  | Pro XXL / Pro 3XL | 22" & over      | 55mm & over | 8" over     | 180mm over   |